31. Repeated extraction using small portions of solvents is more

A. Reliable
B. Efficient
C. Rapid
D. slow

Answer: Option B

32. Silica gel and alumina are used as

A. Mobile phase
B. Stationary phase
C. Mixed phase
D. Single phase

Answer: Option B

33. Shaking two immiscible liquids increases

A. Length of contact
B. Volume of contact
C. Area of contact
D. all of above

Answer: Option C

34. The solvent or mixture of solvents used for separation of compounds is called

A. Stationary phase
B. Mobile phase
C. Dynamic phase
D. Static phase

Answer: Option B

35. Which is not a sublime material

A. Iodine
B. Benzoic acid
C. Ammonium chloride
D. Potash alum

Answer: Option D

36. Sintered glass is a porous material used for

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A. absorption
B. adsorption
C. filtration
D. sublimation

Answer: Option C

37. Selection of filter paper depends on size of particles to be

A. filtered
B. dried
C. decolorized
D. decanted

Answer: Option A

38. The solution remaining after the formation of crystals is called

A. Mother liquor
B. Dilute solution
C. Residue
D. both a & b

Answer: Option A

39. Which is not related pair of term used in analytical techniques

A. Filtrate residue
B. Sublimate sublimation
C. Drying desiccator
D. Separating funnel mother liquor

Answer: Option B

40. The major steps involved in complete quantitative analysis are

A. 2
B. 3
C. 4
D. 5

Answer: Option C

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